

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(B3874D)	Hex(976E35)	Hex(7B551D)	Hex(603E04)	Hex(472800)	Hex(2D1400)	Hex(120000)	Hex(000000)
Hex(B3874D)		Ratio: 1.41 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴
Hex(976E35)	Ratio: 1.41 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(7B551D)	Ratio: 2.05 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.16 AA 18pt ²
Hex(603E04)	Ratio: 2.97 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(472800)	Ratio: 4.13 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(2D1400)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(120000)	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 4.48 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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